

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-1 – COMBUSTION GAS TURBINE
November 1, 2014 through April 30, 2015

Pollutant	Applicable Standard	Enforceable	Monitoring Method	Limit	Compliance Monitoring Requirements				
					Method	Frequency	Location	Record Keeping	Reporting
NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O ₂ , dry	BAAQMD 9-9-501 and BAAQMD condition #20134, part 23c	C	CEM	X	
NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O ₂ , dry	BAAQMD condition #20134, part 24a	P/A	Source Test	X	
NOx	SIP Regulation 9-9-301.3	Y		9ppmv @ 15% O ₂ , dry	SIP Regulation 9-9-501 and BAAQMD condition #20134, part 23c	C	CEM	X	
NOx	SIP Regulation 9-9-301.3	Y		9ppmv @ 15% O ₂ , dry	BAAQMD condition #20134, part 24a	P/A	Source Test	X	
NOx	NSPS, 40 CFR 60.332(a)(1)	Y		99ppmv @ 15% O ₂ , dry	NSPS 40CFR 60.334(b)	C	CEM	X	
NOx	None	Y		None	40 CFR 75.10	C	CEM	X	
NOx	BAAQMD condition #20134, part 18.1	Y		2.5 ppm @15% O ₂ , dry 3-hr rolling average except during turbine startup or shutdown	BAAQMD condition #20134, part 18.1	C	CEM	X	
NOx	BAAQMD condition #20134, part 18.1	Y		2.5 ppm @15% O ₂ , dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, part 24a	P/A	Source Test	X	
NOx	BAAQMD condition #20134, part 21	Y		121 lb/ day (as NO ₂)	BAAQMD condition #20134, part 23c	C	CEM	X	

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Pollutant	BAAQMD Condition #20134, part 21				BAAQMD Condition #20134, part 23c				
	Condition #20134, part 21	Condition #20134, part 21	Condition #20134, part 21	Condition #20134, part 21	Condition #20134, part 23c	Condition #20134, part 23c	Condition #20134, part 23c	Condition #20134, part 23c	Condition #20134, part 23c
NOx	BAAQMD condition #20134, part 21	Y		16.4 tons per year (as NO2)	BAAQMD condition #20134, part 23c	C	CEM	X	
CO	BAAQMD condition #20134, part 18.3	Y		6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, parts 18.3 and 23c	C	CEM	X	
CO	BAAQMD condition #20134, part 18.3	Y		6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, part 24c	P/A	Source Test	X	
CO	BAAQMD condition #20134, part 21	Y		163 lb/ day	BAAQMD condition #20134, part 23c	C	CEM	X	
CO	BAAQMD condition #20134, part - 21	Y		29.1 tons per year	BAAQMD condition #20134, part 23c	C	CEM	X	
CO2		Y		None	40 CFR 75.10	C	CEM (CO2) or CEM (O2) or fuel flow monitor	X	
SO2	BAAQMD 9-1-301	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		X	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition #20134, part 23f	P/A	Source Test	X	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition#20134, part 23e	P/Q	Total Sulfur analysis	X	

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Pollutant	Applicable Standard	NSPS	Other	Other	Monitoring Requirements				
					Monitoring Method	Frequency	Monitoring Location	Monitoring Method	Monitoring Frequency
SO ₂	NSPS 40 CFR 60.333(a)	Y		0.015% (vol) @ 15% O ₂ (dry)	NSPS 40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3 NSPS 40 CFR 60.334(h)(3)		Fuel Measurements, calculations	X	
SO ₂	None	Y		None	40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3		Fuel measurements, calculations	X	
SO ₂	BAAQMD condition #20134, part 18.6	Y		1.39 lb/hr excluding startup and shutdown of turbines	BAAQMD condition #20134, part 23e	P/Q	Total sulfur content analysis	X	
SO ₂	BAAQMD condition #20134, part 18.6	Y		1.39 lb/hr excluding startup and shutdown of the turbines	BAAQMD condition #20134, part 24f	P/A	Source test	X	
SO ₂	BAAQMD condition #20134, part 21	Y		33 lb/ day	BAAQMD condition #20134, part 24f	P/A	Source test	X	
SO ₂	BAAQMD condition #20134, part 21	Y		6.0 tons/year	BAAQMD condition #20134, part 24f	P/A	Source test	X	
Opacity	BAAQMD 6-1-301	N		>= Ringelmann No.1 for no more than 3 minutes in any hour		N		X	
Opacity	BAAQMD 6-301	Y		>= Ringelmann No.1 for no more than 3 minutes in any hour		N		X	
Opacity	BAAQMD condition #20134, part 17	Y		> = Ringelmann No.1 for no more than 3 minutes in any hour or equivalent 20% opacity		N		X	

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Pollutant	BAAQMD Condition	Y/N	Permit Condition	Limit	Compliance				
					Method	Frequency	Test Results	Compliance	Notes
Filterable Particulate	BAAQMD 6-1-310	N		0.15 grains/dscf		N		X	
Filterable Particulate	SIP 6-310	Y		0.15 grains/dscf		N		X	
PM10	BAAQMD condition #20134, part 18.5	Y		3 lb/hr for S-1	BAAQMD condition #20134, part 24e	P/A	Source Test	X	
PM10	BAAQMD condition #20134, part 21	Y		72 lb/day	BAAQMD condition #20134, parts 24e	P/A	Source Test	X	
PM10	BAAQMD condition #20134, part 21	Y		13.1 tons/year	BAAQMD condition #20134, part 24e	P/A	Source Test	X	
POC	BAAQMD condition #20134, part 18.4	Y		2 ppmv @ 15% O ₂ , dry, except during turbine startup or shutdown	BAAQMD condition #20134, part 24d	P/A	Source Test	X	
POC	BAAQMD condition #20134, part 21	Y		30.0 lb/calendar day	BAAQMD condition #20134, part 24d	P/A	Source Test	X	
POC	BAAQMD condition #20134, part 21	Y		4.9 ton/year	BAAQMD condition #20134, part 24d	P/A	Source Test	X	
NH ₃	BAAQMD condition #20134, part 18.2	N		10ppmv @15% O ₂ , dry, except during turbine startup or shutdown	BAAQMD condition #20134, parts 18.2 and 23b	C	District approved correct ammonia slip calculation and correction factor determined by source test	X	
NH ₃	BAAQMD condition #20134, part 18.2	N		10ppmv @15% O ₂ , dry, except during turbine startup or shutdown	BAAQMD condition #20134, part 24b	P/A	Source Test	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 23d	C	Fuel meter,	X	

Parameter	BAAQMD Condition #20134, part 22				BAAQMD Condition #20134, part 23d				
	Condition	Y		Limit	Condition	Y		Limit	Condition
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 23d		P/Q	Fuel composition analysis	X
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 24g		P/A	Source test	X
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20134, part 23d		C	Fuel meter, calculations	X
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20134, part 31g		P/Q	Fuel composition analysis	X
Heat input limit	BAAQMD condition #20134, part 22	Y		4,380,000 MMBTU/yr (HHV)	BAAQMD condition #20134, part 23d		C	Fuel meter, calculations	X
Heat input limit	BAAQMD condition #20134, part 22	Y		4,380,000 MMBTU/yr (HHV)	BAAQMD condition #20134, part 31g		P/Q	Fuel composition analysis	X
MW	N/A			None	BAAQMD condition #20134, part 24h		P/A	Source test	X
Exhaust Gas temperature	N/A			None	BAAQMD condition #20134, part 24j		P/A	Source test	X
Stack gas flow	N/A			None	BAAQMD condition #20134, part 24i		P/A	Source test	X
NH3 injection rate	N/A			None	BAAQMD condition #20134, part 24k		P/A	Source test	X

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S-2 – DIESEL FIREWATER PUMP

Parameter	Standard	Continuous	Excess Emissions	Limit	Monitoring Method	Monitoring Frequency	Monitoring Point	Compliance	Notes
SO ₂	BAAQMD 9-1-301 BAAQMD	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	None	P/E	Fuel certification by vendor	X	
	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight	None	P/E	Fuel certification by vendor	X	
Opacity	BAAQMD Regulation 6-1-303	N		>=Ringelmann 2 for no more than 3 min/hr		N		X	
Opacity	SIP Regulation 6-303	Y		>=Ringelmann 2 for no more than 3 min/hr		N		X	
FP	BAAQMD Regulation 6-1-310	N		0.15 grain/dscf		N		X	
FP	SIP Regulation 6-310	Y		0.15 grain/dscf		N		X	
Hours of operation	BAAQMD 9-8-330.1 BAAQMD Condition #22851 Part 2	N		Emergency use for an unlimited number of hours	BAAQMD 9-8-530 BAAQMD Condition #22851 Part 3 and 4	C P/E	Hour meter, recordkeeping	X	

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Hours of operation	Regulation	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	Reliability-related activities not to exceed 100 hours in any consecutive 12-month period
Hours of operation	BAAQMD 9-8-330.2	N		Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	BAAQMD Regulation 9-8-530	C P/E	Hour meter, recordkeeping	X	
Hours of operation	BAAQMD 9-8-330.3	N	1/1/2012	<50 hours per calendar year for reliability testing	BAAQMD Regulation 9-8-530	C P/E	Hour meter, recordkeeping	X	
Hours of operation	BAAQMD Condition 22851, Part 1	Y		<=34 hours per calendar year for reliability testing	BAAQMD Regulation 22851, Part 3 and 4	C	Hour meter, recordkeeping	X	

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S-3 – COOLING TOWER

Parameter	Regulation	Applicable	Limit	Monitoring Method	Monitoring Frequency	Monitoring Location	Monitoring Results	Compliance Status
Opacity	BAAQMD Regulation 6-1-301	N	>=Ringelmann 1 for no more than 3 min/hr	Visual	Continuous	Stack	X	
Opacity	SIP Regulation 6-301	Y	>=Ringelmann 1 for no more than 3 min/hr	Visual	Continuous	Stack	X	
Particulate Weight	BAAQMD Regulation 6-1-310	N	0.15 grains per dscf	Gravimetric	Continuous	Stack	X	
Particulate Weight	SIP Regulation 6-310	Y	0.15 grains per dscf	Gravimetric	Continuous	Stack	X	